### APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

 Rec'd PCT/PTO
 02 MAY 2005

 Docket No.:
 02 P 0 0 3 6 3 U.S.

 Well - 0 2 6 0 U.S. (PCT)

As a belo My resid	ow named inventor, I herel	by declare that: and citizenship are as s	stated below next to my name; that	
I verily h	pelieve I am the original, f	irst and sole inventor	(if only one name is listed below) or a	n original, first and joint inventor
(if plural inventors VHONEYCOM	are named below) of the s IB STRUCTURE	ubject matter which is	claimed and for which a patent is soug	ht on the invention entitled:
described and clair	ned in the specification:			
Check one  *a. ☐ attach b. ☐ filed c c. ☑ descri as am	ed hereto. on bed and claimed in PCT Is ended under PCT Article 1	as Application No nternational Application	and amended on _ on No.PCT/JP03/14185 filed of (if any).	(if applicable).
amended by any ar I acknow Code of Federal Ro Under T	nendment referred to abov vledge the duty to disclose egulations, §1.56. Title 35. U.S. Code §119.	to the Office all information the priority benefits of	contents of the above-identified speci- mation known to me to be material to p of the following foreign application(s) within one year prior to this application	atentability as defined in Title 37, and/or United States provisional
Japane	ese Patent Appli	cation No. 2	002-323271 filed on Nov	ember 7, 2002.
States of America	owing application(s) for peither (a) more than one your United States provision	ear prior to this appli	ertificate on this invention were filed it ication, or (b) before the filing date of	n countries foreign to the United the above-named foreign priority
I hereby application and to	transact all business in the James A. O Kirk M. Hu Edward P. V Mario A. Co Joel S. Armstre	Patent Office: liff, Reg. No. 27,075; dson, Reg. No. 27,56; Walker, Reg. No. 31,4 ostantino, Reg. No. 33 ong, Reg. No. 36,430;	william P. Berridge, Reg. No. 30,0242; Thomas J. Pardini, Reg. No. 30,41450; Robert A. Miller, Reg. No. 32,773,565; Stephen J. Roe, Reg. No. 34,465; Christopher W. Brown, Reg. No. 38,560; and Paul Tsou, Reg. No. 37,956.	l; l; 1; 3;
ALL CORRESPO PLC, P.O. BOX 1	ONDENCE IN CONNE	CTION WITH THIS	S APPLICATION SHOULD BE SELEPHONE (703) 836-6400.	NT TO OLIFF & BERRIDGE,
own knowledge ar were made with the Section 1001 of Thany patent issued to	re true and that all statemore knowledge that willful itle 18 of the United State hereon.	ents made on informa false statements and t	e contents of this Declaration, and that tion and belief are believed to be true; he like so made are punishable by fine willful false statements may jeopardize	and further that these statements or imprisonment, or both, under
Typewritten Fi of First or Sol		<u>Atsushi</u>		KANEDA
·		Given Name	Middle Initial	Family Name
**Inventor's Si **Date of Sign		Haushi K April	aneda 25th,	2005
Residence:		Month i-city,	Day Aichi-prefecture,	JPK Japan
Citizenship:	Ci Japanese		State or Province	Country
р.	Post Office Address:	C/C NCK T	nsulators, Ltd.,	
	(Insert complete mailing address,		a-cho, Mizuho-ku, N	agoya-city,
	including country)	Aichi-pre	fecture, 467-8530 J	apan

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<sup>\*</sup>If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

<sup>\*\*</sup>Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

# PAGE 2 OF U.S.A. DECLARATION PORT PTO 02 MAY 2005 (Discard this page in a sole inventor application)

of S	Typewritten F Second Joint Inve		<u>Naoshi</u>		<u>MASUKAWA</u>
•			Given Name	Middle Initial	Family Name
2	**Inventor's S	ignature:	haoshi	marukawa	2005
3	**Date of Sign	nature:	April	25th,	2005
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		mailing address,	2-56 S1	Insulators, Ltd., uda-cho, Mizuho-ku, Na	goya-city,
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of T	hird Joint Invent	or (if any)	Shuichi	Middle Initial	Family Name
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3	**Date of Sign	nature:	April	Day	Year
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		(Insert complete	C/O_NGK	<u>Insulators, Ltd.,</u> uda-cho, Mizuho-ku, Na	gova_city
		mailing address, including country)	2-56, 5	refecture, 467-8530 Ja	nan
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Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.

## JC14 Rec'd PCT/PTO 02 MAY 2005 PATENT APPLICATION

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Atsushi KANEDA et al.

Application No.: New U.S. National Stage of PCT/JP03/14185

Filed: May 2, 2005 Docket No.: 123699

For: HONEYCOMB STRUCTURE

## TRANSMITTAL OF POWER OF ATTORNEY AND STATEMENT UNDER 37 CFR § 3.73(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignee.

In compliance with 37 CFR §3.73(b), the undersigned hereby states that <u>NGK</u>

<u>INSULATORS, LTD.</u> is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. A copy of the assignment is attached hereto.

The undersigned is authorized to act on behalf of the assignee.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO 25944, TELEPHONE (703) 836-6400.

Respectfully submitted,

Thomas J. Pardini Registration No. 30,411

TJP/nxy

Date: May 2, 2005

#### **EXHIBIT A**

#### PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### GENERAL POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Assignee Name and Address: NGK Insulators, Ltd.

2-56, Suda-cho, Mizuho-ku, Nagoya-city

Aichi-prefecture, 467-8530 Japan

appoints the patent practitioners associated with Oliff & Berridge, PLC Customer Number 25944 to represent it before the United States Patent and Trademark Office in connection with any and all U.S. patent applications assigned to the above-named assignee.

The undersigned is authorized to act on behalf of the assignee.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO 25944, TELEPHONE (703) 836-6400.

Takafum Hoch S

Typed Name: Takafumi Hochi

Title: Genaral Manager, Legal Affairs & Intellectual Property Department

-			ASSIGNME	h'nag Tv	PCT/PTO 02 WAY
		(1) 7	Atsushi KANEDA	, , , , , , , , , , , , , , , , , , ,	OTTIO UZ MAI
1-8)	Insert		Naoshi MASUKAWA		
1-0)	Name(s) of Inventor(s)		Shuichi ICHIKAW		
	or inventor(s)	(4)	<del></del>		
					good and valuable consideration paid
		to each o	of the undersigned, each unders	gned agrees to assign, and	hereby does assign, transfer and set
9)	Insert Name of Assignce	(9) l	NGK Insulators,	Ltd.	
10)	Insert Address of Assignee	(10)	2-56, Suda-cho,	Mizuho-ku,	Nagoya-city,
		Aichi-prefecture, 467-8530 Japan (hereinaster designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as			
(11)	Insert	(11)	HONEYCOMB STRUC	TURE	, ,
	Identification such as Title, Case				
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	Application Number	• •			patent in the United States of America
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